

Resistance Alloy CuMn7Sn

Standard

DIN: CuMn7Sn
EN: CuMn7Sn
GB/T: 6J8

Chemical Composition (%)

Cu: Remainder
Mn: 7
Ni: 2.3

Physical Properties

Density (g/cm ³)	8.51
Resistivity (μΩ.m)	0.29
Temperature coefficient of electrical resistance *1(PPM/°C)	±10
Coefficient of thermal expansion 10 ⁻⁶ /K	18.7
Max. Recommended Temperature °C	140
Melting Point °C	1000

*value for the lowest temper class

Applications

The alloy is suitable for the production of precision, normal and shunt resistors.

Merit

Resistance alloy with low resistance properties. Suited to use in high-current sensing resistors, and has good workability and weldability.

Physical properties of the above materials are conventional performance indicators. If you have some special requirements, (for example property and tolerance), please contact Kinmachi Company directly, we will give you professional assessments and answers.

www.kmcmetals.com

Shanghai Kinmachi New Material Technology Co., Ltd. Tel:021-62968227

Fax:021-62968237

Kinmachi Industry (Hong Kong) Co., LTD

Email:candy_wu@kinmachi.com